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Ethylene-propylene copolymers and process for producing the same.

An ethylene-propylene block copolymer capable of producing foamed shaped articles with a uniform and fine foam structure even without adding resins comprises a propylene homopolymer portion and an ethylene-propylene (EP) copolymer portion and is characterised in that the homopolymer portion is obtained by polymerizing propylene in two stages so that the propylene homopolymer portion comprises a lower and a higher molecular weight portion, relative to the molecular weight of the propylene homopolymer portion; there is a specified relationship between the melt flow rates under defined conditions; the EP copolymer portion has an ethylene content of 60 to 95% based on the copolymer portion; and the block copolymer has an ethylene content of 10 to 40% based on the block copolymer.

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EUROPEAN SEARCH REPORT

______ EP 83 30 4770

DOCUMENTS CONSIDERED TO BE RELEVANT				
Category		th indication, where appropriate, vant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Ci. 3)
A	EP-A-0 027 386	(MITSUI)	1	C 08 F 297/08
	* Claim 1; examp	ple 1 *		
A	GB-A-2 035 343	(MITSUBISHI)	1	
	* Claim 1 *			
	-			
A.	DE-A-2 646 189	(SUMITOMO)	1	
	* Claim 1 *			
				TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
				CENTONIE (III. OI.)
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	The present search report has b	een drawn up for all claims Date of completion of the search		Examiner
		25-02-1985	R.	MEULEMANS
Y : par doo A : tec O : nor	CATEGORY OF CITED DOCU ticularly relevant if taken alone ticularly relevant if combined wi sument of the same category hnological background newritten disclosure trmediate document	E: earlier par after the f th another D: documen L: documen	tent document, iling date t cited in the ap t cited for other	